

MaZda 4.5 Tutorials MaZda plugins



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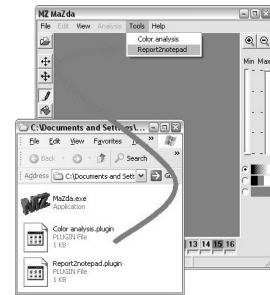
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Plugins

Plugins are implemented in **MaZda** through its macro technology. Macro files given a ".plugin" extension, located in MaZda's working directory are recognized as plugins, and are accessible from the MaZda **Tools** menu.



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MaZda macro instructions

LoadImage file_path_and_name – loads an image for analysis from a given file,
LoadROI file_path_and_name – loads regions of interest from a given file,
LoadOptions file_path_and_name – loads options from a given file,
LoadReport file_path_and_name – loads a report into the report window,
ColorChannel [arg = Y, R, G, B, U, V, H or S] – selection of color conversion mode,
ReloadImage – reloading an opened image (e.g. after changing a color conversion mode),
RunAnalysis – starts the analysis process,
Execute file_path_and_name argument_list – executes program from a given file,
AggregateReports – joins data from two reports,
SaveImage – saves an opened image,
SaveSelected file_path_and_name – saves selected features to a given file,
SaveReport file_path_and_name – saves report from opened tab-page of report window to a given file,
SaveMap file_path_and_name – saves feature map from opened tab-page to a given file,
CloseReport – closes opened tab-page of report window,
CloseMap – closes opened tab-page of feature map,
Exit – unconditional MaZda termination.

Any line starting with '/' or ';' is a comment, which is ignored by the interpreter

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Exercise 1

1. With a *notepad* editor open a file *Report2notepad.plugin* located in *MaZda* folder
2. What is a purpose of this plugin?
3. Start MaZda and load any report to the *Report* window
4. Now, run the *Report2notepad* plugin (*Tools*→*Report2notepad*)
5. Write a plugin that will save currently opened image into a temp.bmp file and then will open it with *mspaint.exe* program

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